



12/17/01- 3145

**UNITED STATES MARINE CORPS**  
MARINE CORPS BASE  
PSC Box 20004  
Camp Lejeune, North Carolina 28542-0004

In reply refer to:  
6287  
BEMD

**17 DEC 2001**

Mr. Gregory A. Smith  
North Carolina Department of Transportation  
Geotechnical Unit  
Century Center  
1020 Birch Ridge Drive  
Raleigh, North Carolina 27611

Dear Mr. Smith:

This letter is a follow up to a meeting held on Tuesday, 6 November 2001, between members of the Marine Corps Base, Camp Lejeune Installation Restoration Program Team and North Carolina Department of Transportation (NCDOT). The meeting concerned access to an Installation Restoration (IR) site on Camp Geiger by our contractors and the reinstallation and reimbursement of monitoring wells abandoned by NCDOT during the construction of the Highway 17 Bypass.

The Highway 17 Bypass through Camp Geiger divides one IR site in two, separating the source of the contamination from the wetlands that is acting as the receptor. The bypass acts as a blank spot in which we cannot monitor the contamination plume that is beneath the bypass. The sides of the bypass are at a severe slope and are fenced, thereby, preventing access to the wetlands area for the installation of monitoring wells and future sampling efforts.

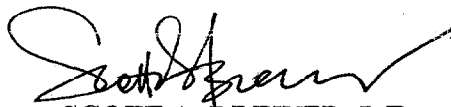
The IR program has several upcoming investigative efforts planned. The first event will occur in January of 2002 and will consist of moving equipment into the wetlands area for the installation of groundwater monitoring wells. It is imperative that the Camp Lejeune's contractors be provided an access point to the wetlands for field operations. As part of this effort, Camp Lejeune will be installing gates as shown in enclosure (1) so that our contractors will be able to move heavy equipment into the area. The gates and any other modifications to the fence will be to NCDOT's satisfaction and at no cost to the NCDOT. Because the bypass is still in the construction phase, we do not foresee this impacting NCDOT's operations or use of the bypass

The January sampling effort at this site will also include the installation of monitoring wells within the median of the highway bypass. We anticipate at least eight (8) wells to be installed so that the Base will be able to monitor the contaminant plume beneath the bypass. The Base will obtain and complete all required right-of-way access forms prior to installation of the wells.

During the installation of the highway bypass, a total of 58 groundwater monitoring wells in the vicinity of the bypass, were abandoned by the NCDOT. It was agreed upon in a meeting in March 1998 that the NCDOT would reimburse Camp Lejeune for the reinstallation of 24 of these wells. To date 16 of the required wells have been replaced. These replacement wells were installed at a cost of \$92,352. The supporting documentation for the well reinstallation is shown in enclosure (2) and in a letter dated 25 November 1998 from Camp Lejeune to your office. The cost of the installation of the eight (8) remaining wells is estimated to be \$49,900. We would like to settle this issue at your earliest convenience.

Point of contact for this matter is Mr. Rick Raines, Environmental Quality Branch, Environmental Management Division, Installations and Environment Department, at (910) 451-5068.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott A. Brewer", with a large checkmark at the end.

SCOTT A. BREWER, P.E.

Director, Environmental Management Division

By direction of

the Commanding General

- Enclosures: 1. Map of Proposed Access Points and Gates  
2. Summary of Monitoring Well Reimbursement Information

6287  
BEMD

Copy to:  
NAVFACENGCOM (Mr. Stevens) ✓  
Eastern Area Council Office (Maj Martin)

**Summary of Information for Well Abandonment and Replacement  
at Camp Geiger - Draft  
November 2, 2001**

**Site 35**

- Number of well planned to be abandoned: 44
  - Number of wells to have been replaced: 18
  - Number of wells actually replaced to date: 10
  - Number of wells remaining to be replaced: 8
- CTO 323 costs to date: \$66,867 (labor, travel/ODCs, and drilling)
- Estimated costs to complete for 8 remaining wells: \$49,000

**Site 36**

- Number of well planned to be abandoned: 9
  - Number of wells to have been replaced: 3
  - Number of wells actually replaced to date: 3
  - Number of wells remaining to be replaced: 0
- CTO 370 costs to date: \$11,485 (labor, travel/ODCs, and drilling)
- Estimated costs to complete for 8 remaining wells: \$0

**Site 89**

- Number of well planned to be abandoned: 5 (2 were temporary)
  - Number of wells to have been replaced: 3
  - Number of wells actually replaced to date: 3
  - Number of wells remaining to be replaced: 0
- CTO 356 costs to date: \$18,867 (labor, travel/ODCs, and drilling)
- Estimated costs to complete for 8 remaining wells: \$0

**Total Numbers**

- Number of well planned to be abandoned: 58 (of which 2 are temporary wells)
- Number of wells to have been replaced: 24
- Number of wells actually replaced to date: 16
- Number of wells remaining to be replaced: 8
- Costs to date: \$92,352
- Estimated costs to complete: \$49,000

